

NWS CHANGE FORM PART A			1. DATE SUBMITTED Revision 1 April 13, 2000
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).			
2. ORIGINATOR OFFICE NWS AWIPS Program Office (APO)	3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1	4. COGNIZANT TECHNICAL INDIVIDUAL Name: Walter Scott Routing Code: W/APO1 Phone: (301) 713-1570x125	5. ORIGINATOR TRACKING NUMBER APO_A100057_R1
6. SYSTEMS AFFECTED BY CHANGE <input type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) see attach.			7. WSH TRACKING NUMBER NWS 581 4/17/00
8. TITLE OF CHANGE Additional Mass Storage to AR and PR WFOs			
9. TYPE OF CHANGE <input checked="" type="checkbox"/> HARDWARE <input type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		10. SITES AFFECTED (Attach Part B, Page 2, if needed) AR and PR WFOs (HFO), (GUM), (PBP), (AFC), (VRH), (AFG), (AJK)	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) Much of operational data used by the Alaska and Pacific Forecast Offices is locally ingested and is not available via the AWIPS communication network (ACN). These additional data (satellite and model) are critical to the operations of the forecast office. These data are required to be accessible via the AWIPS workstations in order to commission the AR and PR AWIPS.			
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) Upgrade all 7 OCONUS WFO AWIPS mass storage configuration to handle locally ingested model and satellite data (addition of dual 18 GB of mass storage drive required).			
13. ALTERNATE SOLUTIONS None.			
14. REQUIRED CHANGE DATE June 1, 2000	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) Proposed commissioning date of AR and PR WFOs AWIPS is in August.		
CCB/PMC/CMB DECISION			
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY	<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED	
17. CCB LEVEL DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED	SIGNATURE	
		DATE SIGNED	
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED			
18. PMC OR NWS CMB DECISION	<input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	SIGNATURE	
		DATE SIGNED	

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER APO_A100057	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST
5. DEVELOPMENT COSTS (Estimate development costs)			\$ AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs)			AMOUNT
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)		APO	AMOUNT \$**** est
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs)			AMOUNT
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs)		APO	AMOUNT \$****est
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits)			AMOUNT
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) N/A		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) N/A	
12. IMPLEMENTATION/RETROFIT SCHEDULE APO acquire and provide mass storage–6/1/00; Hewlett-Packard - Install–6/15/00		13. FACILITY INFORMATION (Attach facility drawings/plans.) N/A	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) N/A		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED N/A	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each) N/A		17. COORDINATION OF CHANGE WITH OTHER CHANGES N/A	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) Mstorage 1; Mstorage 2		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.) Minimal: Software configuration if necessary; installation of mass storage	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) N/A		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) N/A	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) N/A			

NWS CHANGE FORM PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT						1. ORIGINATOR TRACKING NUMBER APO_A100057			
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)						2. WSH TRACKING NUMBER NWS 581			
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART NUMBER OR CONFIGURATION	B. SERIAL NUMBER(S) OR COMMENTS			A. IDENTIFIER	B. REV	A. IDENTIFIER	B. REV
TBD	TBD	TBD		TBD					
					TBD	TBD		TBD	

NWS CHANGE FORM PART C		1. ORIGINATOR TRACKING NUMBER APO_A100057	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER <div style="font-size: 1.2em; font-weight: bold;">NWS 581</div>	
3. CCB COST EVALUATION			
NWS COST \$	FAA COST \$	DOD COST \$	OTHER AGENCY COST \$ (SPECIFY) _____
TOTAL COST \$			
4. IMPLEMENTATION DOCUMENTS REQUIRED			
<input checked="" type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes <input type="checkbox"/> Other Document (Specify) _____			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
5. IMPLEMENTATION ACTIVITY REQUIRED		6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE
A. Provide additional mass storage devices.		6/1/00	APO
B. Install additional mass storage devices. (Monitored by the RC 'sTechnical POC)		6/15/00	PRC/HP
C. Ensure this change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in Engineering Handbook number 4, part 2. Record this RC number (NWS 581) in Block 17a of the EMRS report.		6/22/00	See Note 1.
D. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes.		9/15/00	Michelle deTommaso W/OSO113
Note 1. ESA or other WFO Staff member at each site listed in Part A, item 10 (Sites Affected) shall report any time (administrative/over-sight/validation/check-out, etc.) spent in support of this change in EMRS.			